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TITLE: KEY BOARD MATERIAL

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ABSTRACT:

PURPOSE: To obtain a keyboard material which has water-absorbing properties,
is good to the touch and allows production to be efficiently conducted, by
blending a thermoplastic resin with a water-soluble polyamide resin.

CONSTITUTION: A keyboard material is obtd. by blending
100pts.wt.
thermoplastic resin with 10∼50pts.wt. water-soluble polyamide
resin and

not more than 150pts.wt. inorg. filler. As the thermoplastic resin, polyamide resins are preferred from the viewpoint of compatibility with the water-soluble polyamide. Further, an inorg. filler can be blended therewith.

The inorg. filler is effective in retaining the rigidity of the keyboard material and increasing the thermal conductivity. However, it is not always

necessary to blend the filler. The keyboard material has advantages in that

(1) it has proper water-absorbing properties so that perspiration on fingers

can be absorbed during performance and mistouching due to slipping caused by

perspiration can be prevented; (2) it has touch, body and a coefficient of

friction comparable with natural ivory; and (3) it can be produced simply and

rapidly by a synthetic resin molding method and the productivity is high.

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